

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D130-701 REV. G AND INSTRUCTIONS FOR  
CONTINUED AIRWORTHINESS ICA-D130-701 REV. 5 OR LATER APPROVED REVISION

REF. TCCA STC: SH94-14  
REF. FAA STC: SR00213NY  
REF. EASA STC: 10016996  
REF. ANAC STC: 2007S03-03

## 1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to provide instructions for the installation of D5626-1 bushings to prevent mounting hole elongation.

This DSI is applicable to D130-701-041 Basket installations at CHG 006 or earlier (D3177-041/-043 Fwd/Aft Bracket assemblies) and D130-701-043 Basket installations at CHG 010 or earlier (D4039-041/-043 Fwd/Aft Bracket Assemblies). The intent of this DSI has been incorporated into D130-701-041 @ CHG 007 and subsequent and D130-701-043 @ CHG 011 and subsequent.

## 2.0 PROCEDURE

To remove and re-install the Heli-Utility-Basket or brackets, refer to the sections of ICA-D130-701 called out in the following procedure.

1. Remove the D130-701-041 Heli-Utility-Basket and D3177-041/-043 Fwd/Aft Brackets per Section 25.1.
2. Remove the D130-701-043 Heli-Utility-Basket and D4039-041/-043 Fwd/Aft Brackets per Section 25.3 or Section 25.5 as applicable.
3. On D3177-041/-043 or D4039-041/-043 Fwd/Aft Brackets, enlarge the 2 mounting holes by drilling/reaming to  $\varnothing 7/16"$  ( $\varnothing 0.4375 +0.0000/-0.0005$  in). Ensure the holes are drilled/reamed straight and perpendicular to the bracket as shown in Figure 1. Deburr holes.
4. Apply Alodine 1200/1201 per MIL-C-5541 to the bare holes in the brackets.
5. Cool/freeze the supplied D5626-1 Bushings. Install the bushings in the drilled/reamed holes. The Bushings are designed with an interference fit so pressing may be required. Allow the D5626-1 bushings to warm up in the mounting holes on the D3177-041/-043 or D4039-041/-043 Fwd/Aft Brackets. Make sure the bushings remain flush with outer surface as shown in Figure 1. Verify that the ID of the bushings after installation is  $\varnothing 0.257$ . Ream as required.  
**Caution: Take appropriate safety precautions when handling the cold bushing.**
6. Mask D5626-1 Bushing holes and touch up prime/paint per paragraph 5.2.4 of ICA-D130-701.
7. Re-install the D130-701-041 Heli-Utility-Basket and modified D3177-041/-043 Fwd/Aft Brackets per Section 25.2.
8. Re-install the D130-701-043 Heli-Utility-Basket and modified D4039-041/-043 Fwd/Aft Brackets per Section 25.4 or Section 25.6 as applicable.
9. Update aircraft logbook to indicate installation of the DSI 9798-011 Bushing Kit.

## 3.0 WEIGHT AND BALANCE

This DSI has a negligible effect on Weight & Balance.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

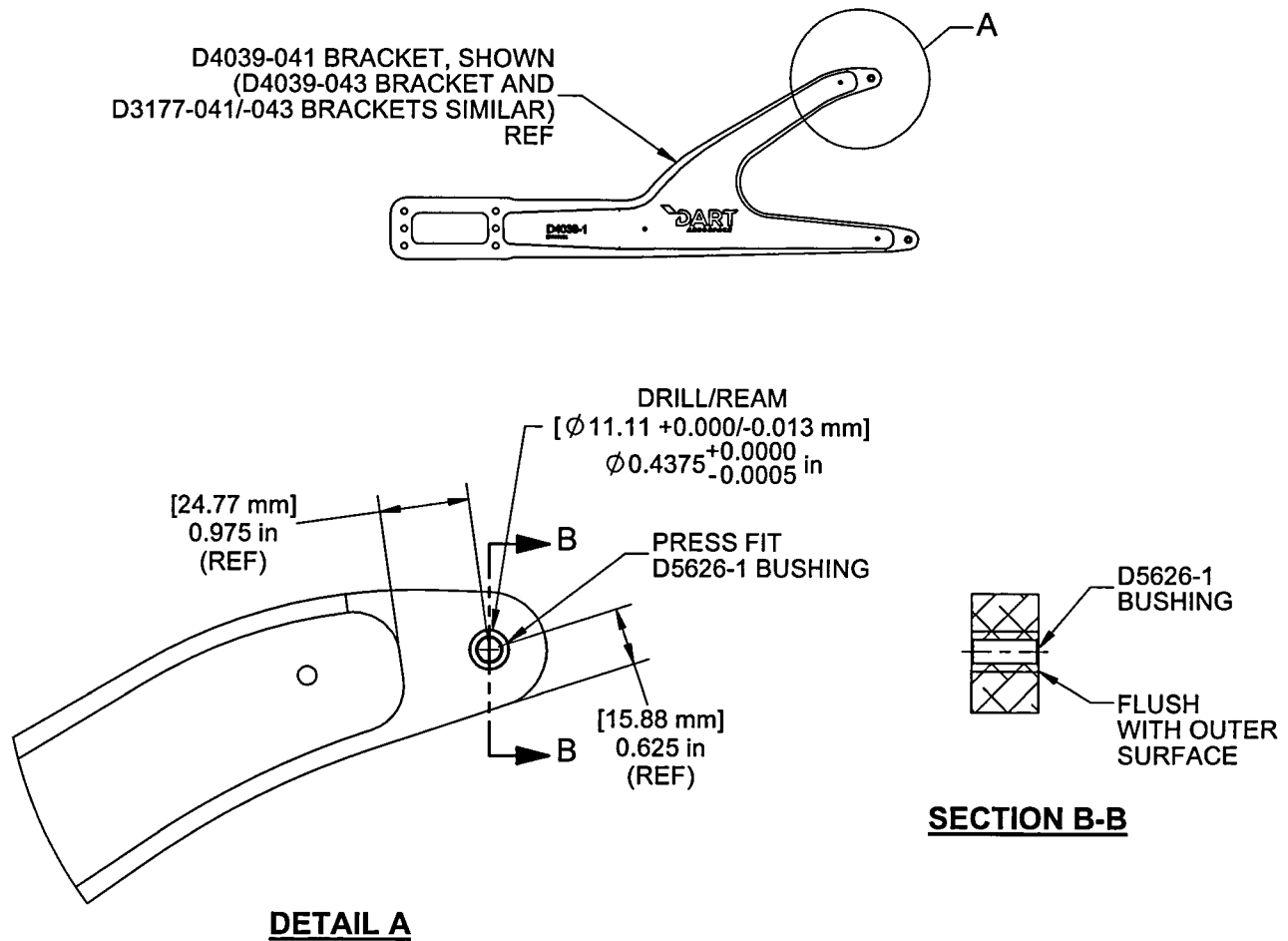
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MFG. APPR.	N/A	DSI 9798	SHEET 1 OF 2
APPROVED	HS	TITLE	SCALE
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#### 4.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	DSI 9798-011	BUSHING KIT
4	D5626-1	BUSHING



**FIGURE 1: D5626-1 BUSHING INSTALLATION INTO D4039-041 BRACKET**  
**DIMENSIONS FOR D4039-041 SHOWN**  
**(DIMENSIONS FOR D3177-041/-043, D4039-043 SIMILAR)**

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MFG. APPR.	N/A	DSI 9798	SHEET 2 OF 2
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